



# ***ENHANCING DEPLOYMENT THRU INTERMOBILITY TECHNOLOGIES***

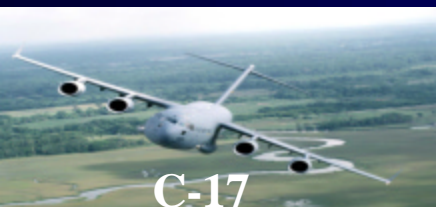
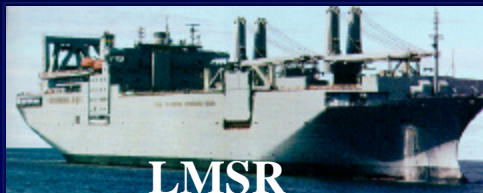
***“IT’S ABOUT THROUGHPUT”***

***RADM ED FAHY  
/STRANSCOM TCJ5***

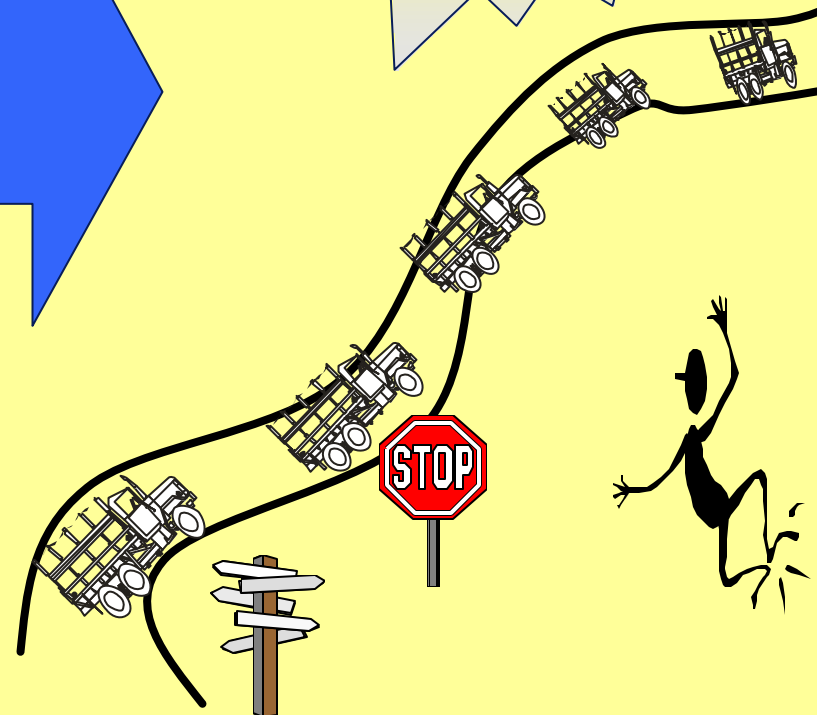


# ***PAST DECADE !***

## ***INCREASED IMPORTANCE ON STRATEGIC LIFT ASSET***



**1 Vehicle  
every 39 Seconds  
for 180 days**



**INT: WE'RE IN THE MARKET FOR SPEED OF "THROUGHPUT"**



# NEXT DECADE !

## INCREASED IMPORTANCE ON MATERIAL THROUGHPUT



TPFDD DEVELOPMENT



UNIT CARGO LOADING



POE DELIVERY



REDEPLOY



SUSTAINMENT



TAA/FOXHOLE



RSOI



PORT THROUGHPUT



PORT TERMINAL



STRATEGIC L



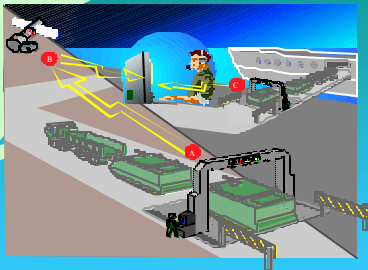


Force Closure = ( Requirements ) \* ( Distance )  
( Capability )

# INTERMODALISM

## AMMO Break Bulk vs. Container

| Depot to Port | Upload | Transit | Download | Port to Corps | Corps to BDE | BDE to Unit |
|---------------|--------|---------|----------|---------------|--------------|-------------|
| 4.1           | 24     | 24      | 20       | 0.83          | 1.3          | 0.09        |
| 3.7           | 6      | 18      | 6        | 0.14          | 0.13         | 0.04        |



CONTAINER OPS



ATP

ASP



CSA

TSA



AMMO Containerization--40 Days Saved



# ***MAXIMIZE THROUGHPUT AND MINIMIZE HANDLING***



**INTERMOBILITY**



**SITUATIONAL AWARENESS**



**FASTER PROCESSING  
OF EQUIPMENT**



**TRANSPORTABILITY**



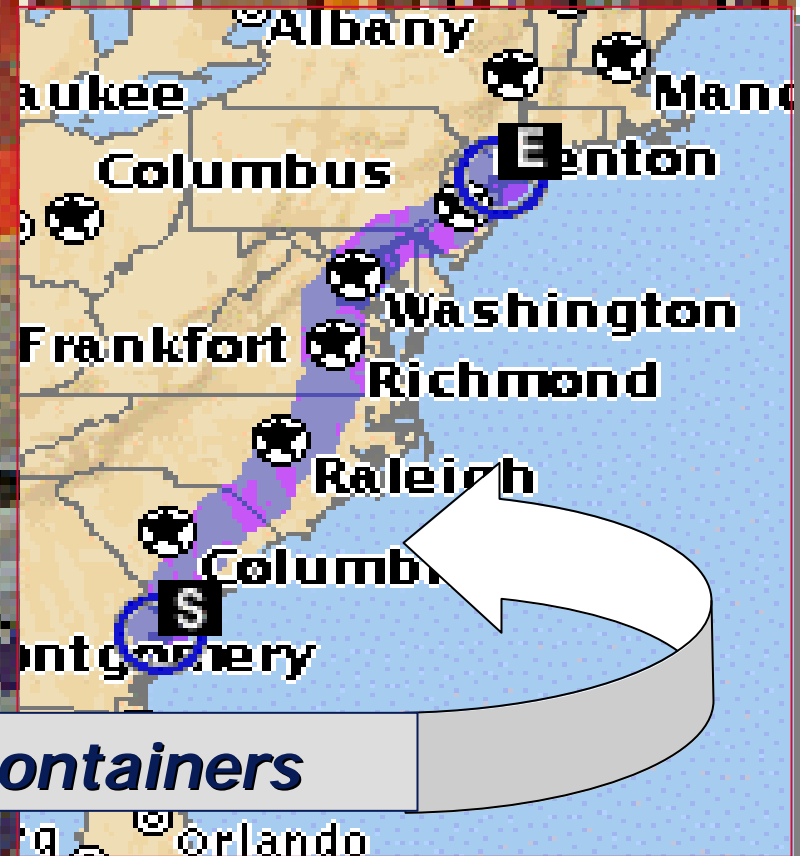
# THINGS THAT INCREASE VELOCITY ...

## INTERMODALISM

$$\text{Force Closure} = \left( \frac{\text{Requirements} * (\text{Distance})}{(\text{Capabilities})} \right)$$

### MRS-05 Containers

|                |               |
|----------------|---------------|
| Ammunition     | 66,993        |
| Unit Equipment | 38,525        |
| Sustainment    | <u>36,682</u> |
| Total          | 142,200       |

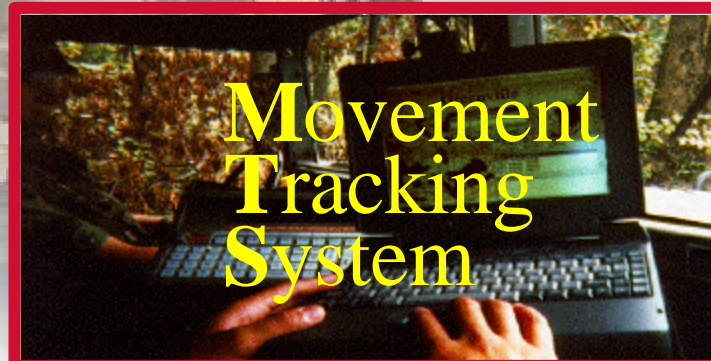


**867 Miles of Containers**

**Containerization -- no longer an option...it is reality!**



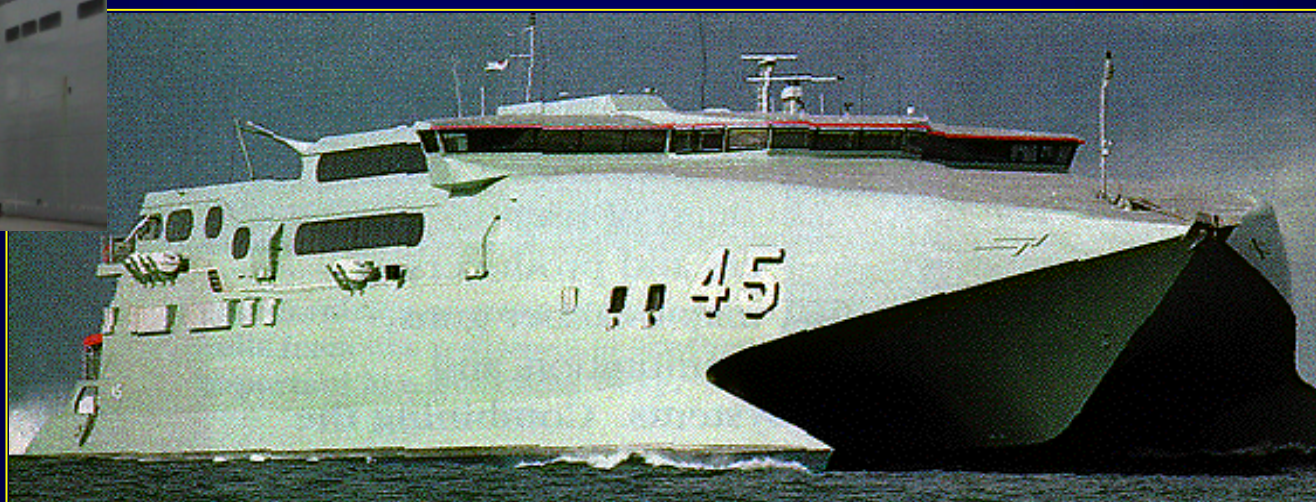
# ***FASTER PROCESSING - VELOCIT***



*On Point for the Nation . . . Persuasive in Peace, Invincible in*

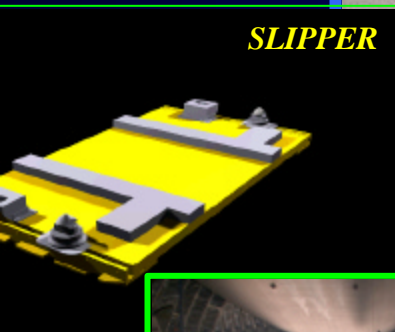
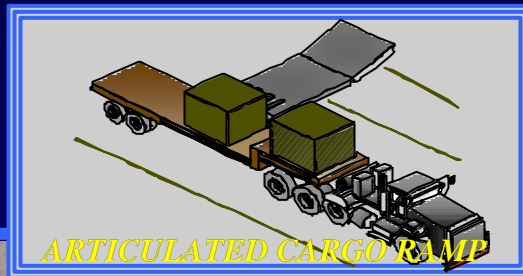


# *INCREASED VELOCITY SEAPORTS*





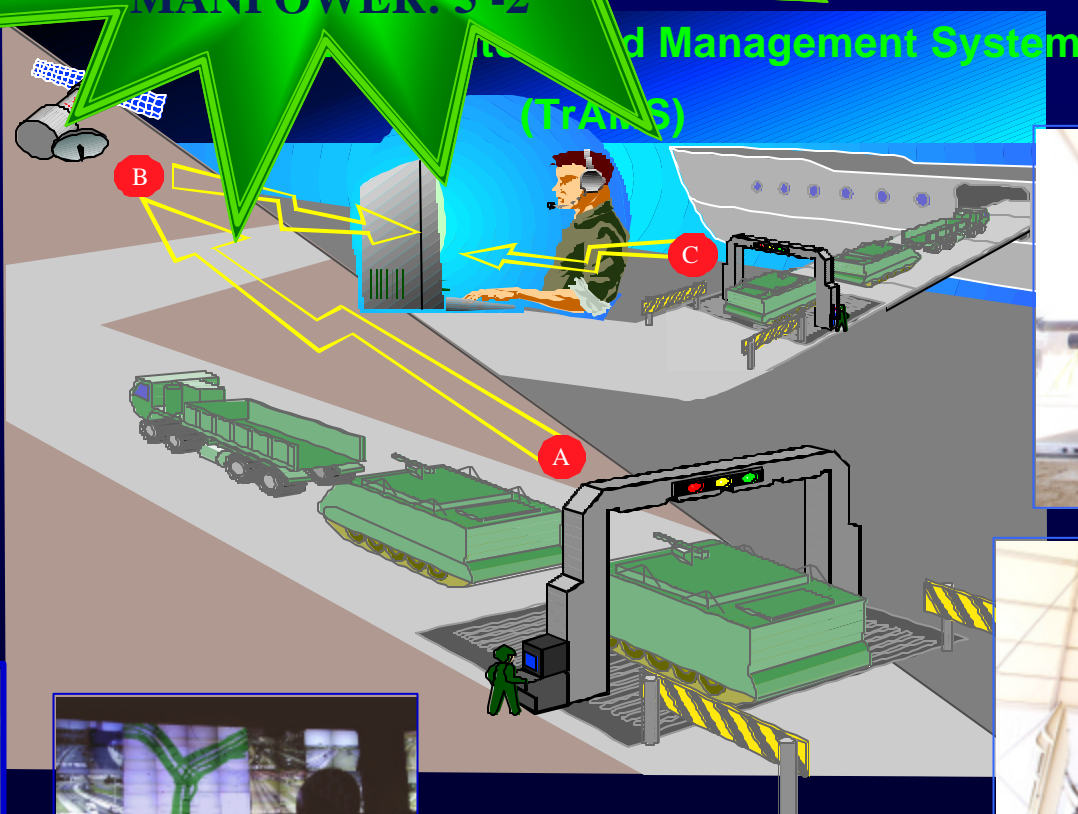
# INCREASED VELOCITY AIRFIELDS





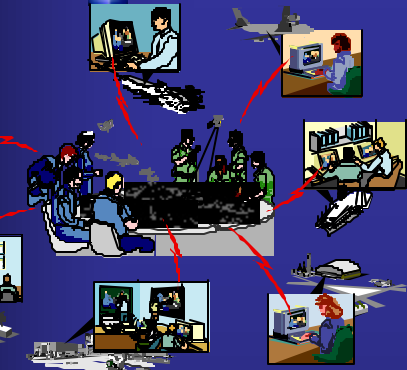
# INCREASED VELOCITY UNITS

1500 VEHICLES  
125-250 HOURS  
TRAMS: 25 HOURS  
MANPOWER: 5-2

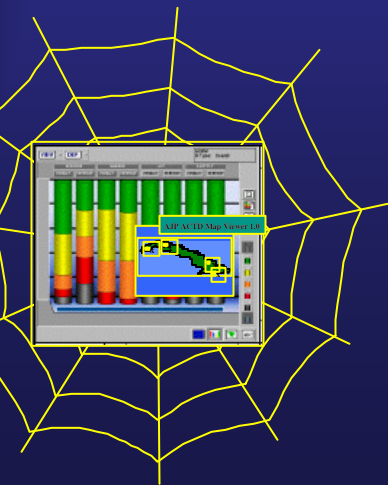




# AGILE TRANSPORTATION FOR THE 21ST CENTURY AT 2000



COLLABORATIVE



WEB BASED



INFORMATION-RICH VISUALIZATIONS



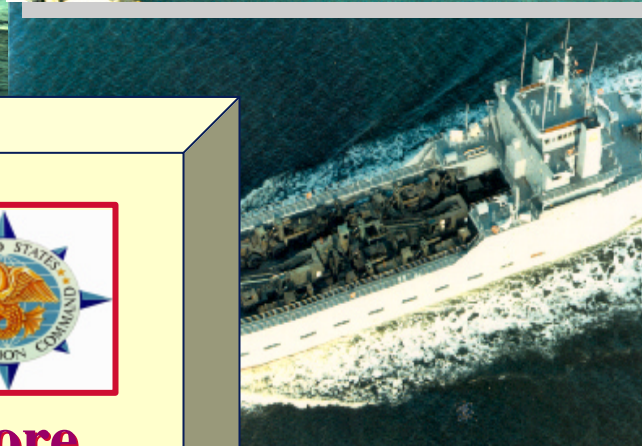
IMMERSIVE



INTERACTIVE



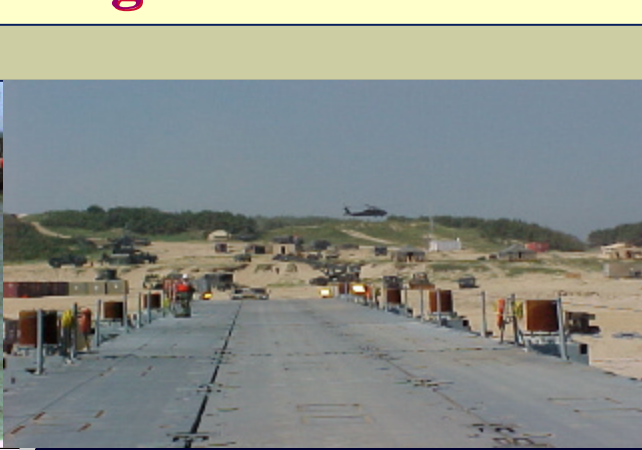
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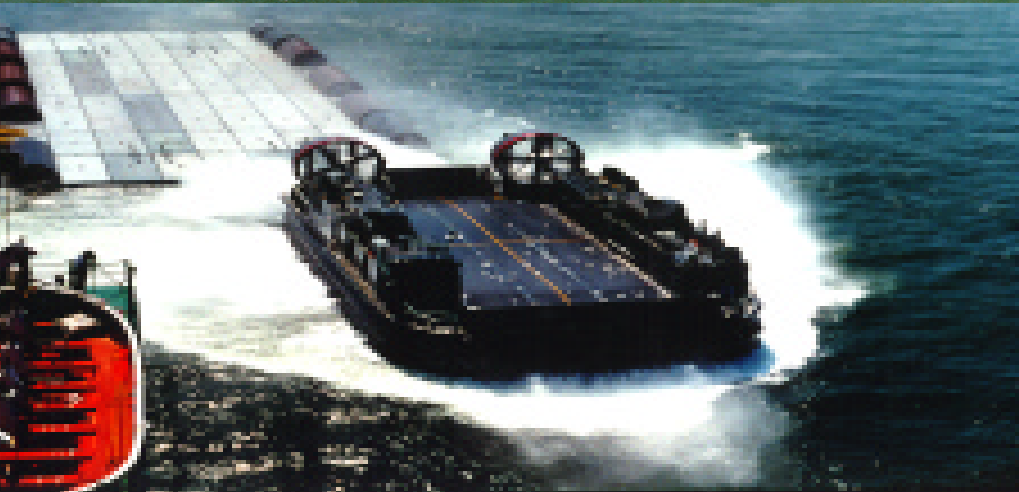


# JLOTS



## Joint Logistics Over-the-Shore





# JLOTS is a System of Systems

Sealift  
Ships

Shipboard  
Cranes

Lighters

Ramps &  
Interfaces

Sea State  
Mitigation



# OPDS / IPDS

OFF-SHORE PETROLEUM DISCHARGE SYSTEM / INLAND PETROLEUM DISTRIBUTION SYSTEM

OPDS PHASE



PREP



OFF-LOAD



CONNECTION



IPDS PHASE



RECEIPT



DISTRIBUTION

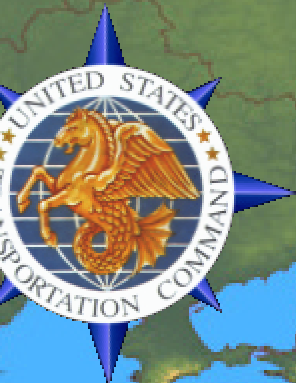


DELIVERY





# *ENDURING FREEDOM AOR*



KAZAKHSTAN

UZBEKISTAN

KYRGYSTAN

TAJIKISTAN

TURKMENISTAN

IRAQ

IRAN

AFGHANISTAN

PAKISTAN

SAUDI  
ARABIA

INDIA

# STRANSCOM

United States Transportation Command



Rapid & Reliable Global Mobility